

Memorandum

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To: DEPUTY DISTRICT DIRECTORS, Construction
DEPUTY DIVISION CHIEFS, Structure Construction
CONSTRUCTION MANAGERS
SENIOR CONSTRUCTION ENGINEERS
RESIDENT ENGINEERS

Date: September 21, 2006

File: Division of Construction
CPD 06-9

From: ROBERT PIEFLOW
Chief
Division of Construction



Subject: Change in Flare Gap in Flared Columns

Effective immediately, all new flared column details must incorporate a minimum flare gap of 4 inches (100mm). This change is in accordance with the memorandum dated August 22, 2006 from the Division of Engineering Services Deputy Division Chief for Structure Design, "Change in Flare Gap in Flared Columns."

Tests have shown the 2-inch (50mm) flare gap may lead to an increase in the design demands on the bent cap due to gap closure during a seismic event.

For contracts in the construction phase, write a contract change order to change the flare gap to 4 inches (100mm) if the contract plans show the gap to be less than 4 inches (100 mm). This change is required for flared columns that can be modified before placing the concrete. No change is required in columns where the concrete has already been placed.

The attached sample contract change order and contract change order memorandum may be modified for contract changes for this design change.

Division of Construction approval for this contract plan change will not be required when the contract change order is written in accordance Section 5-311B, "District Approval," of the *Construction Manual*.

If you have any questions regarding this memorandum, please contact Bob Molera, Division of Construction at (916) 654-2735 or John Drury, Division of Engineering Services at (916) 227-8809.

Attachments